



# FLIS Database Overview



**FCS Systems and Procedures**  
**Defense Logistics Information**  
**Service**

**Branch Chief, DLIS-SIA**

74 Washington Ave N

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# NSN Management

• <b>DLA Managed</b>	<b>3,658,010</b>
• <b>Navy Managed</b>	<b>346,313</b>
• <b>Air Force Managed</b>	<b>319,044</b>
• <b>Army Managed</b>	<b>123,022</b>
• <b>Marine Corps Managed</b>	<b>12,686</b>
• <b>Total with Managers (Including Others)</b>	<b>6,212,695</b>



# FLIS Support

- **FLIS Functional Managers**
  - **Requirements Determination**
  - **Testing**
  - **Documentation**
- **Interface Management**
  - **S/A Legacy Applications**
  - **Various ERP Developments**



# Major FLIS Initiatives

- **Transformation**
- **SOCOM**
- **Joint Strike Fighter**
- **Packaging Data Improvements**
- **UID Integration with FLIS**
- **Wide Area Work Flow Integration with FLIS**
- **Functional Process Reviews**
- **Standardization Data Flow**
- **Medical Standardization Board**
- **DLA Pricing**

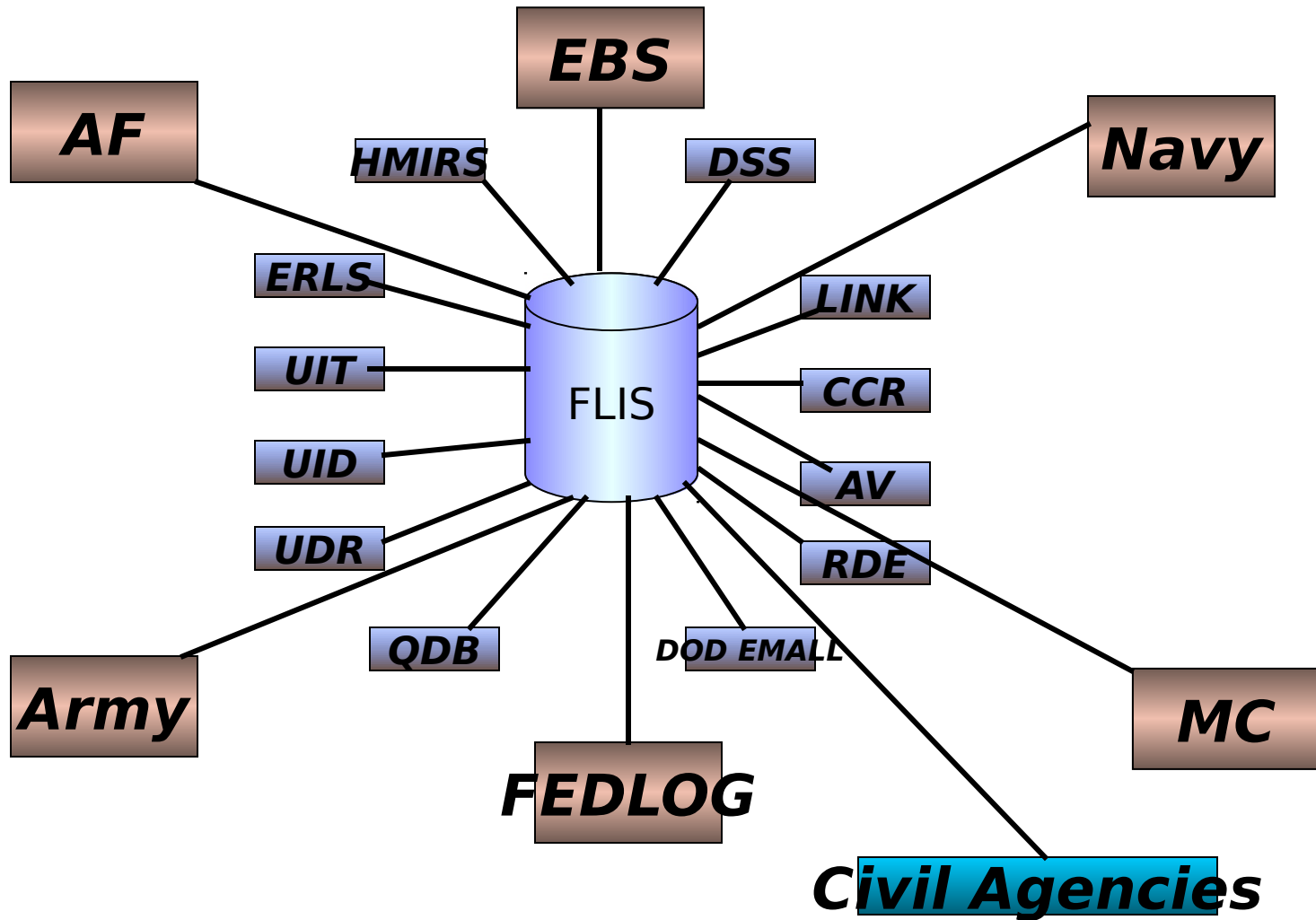


# SIA Applications

- **Provisioning Screening Process**
- **Item Pricing**
- **DIIP**
- **Logistics Reassignments**
- **Surcharge (DWCF)**

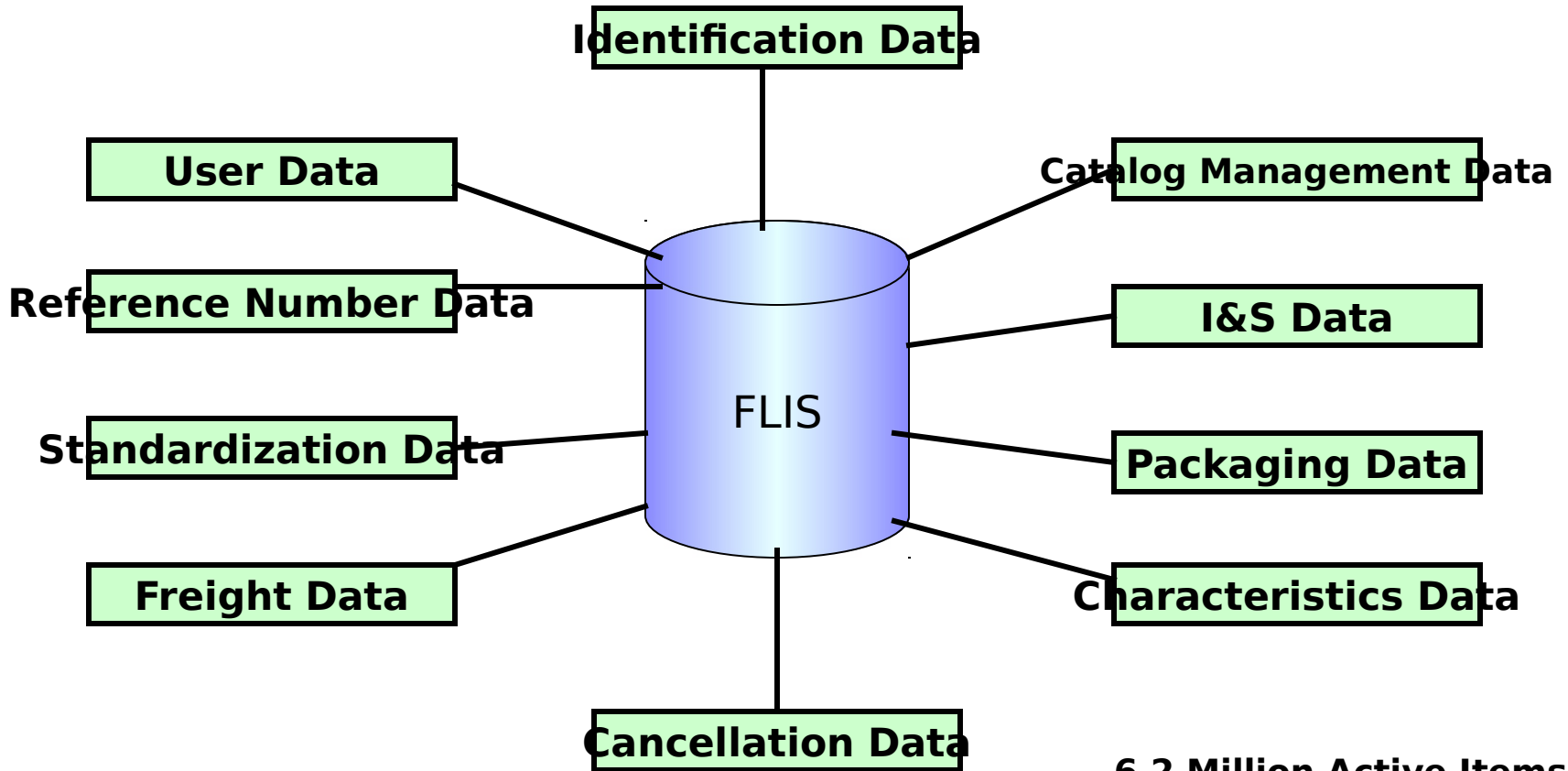


# FLIS Interfaces





# Current FLIS Data Types



**6.2 Million Active Items**

**8.2 Million Cancelled  
Items**

**40 Million I/P  
Transactions per year**



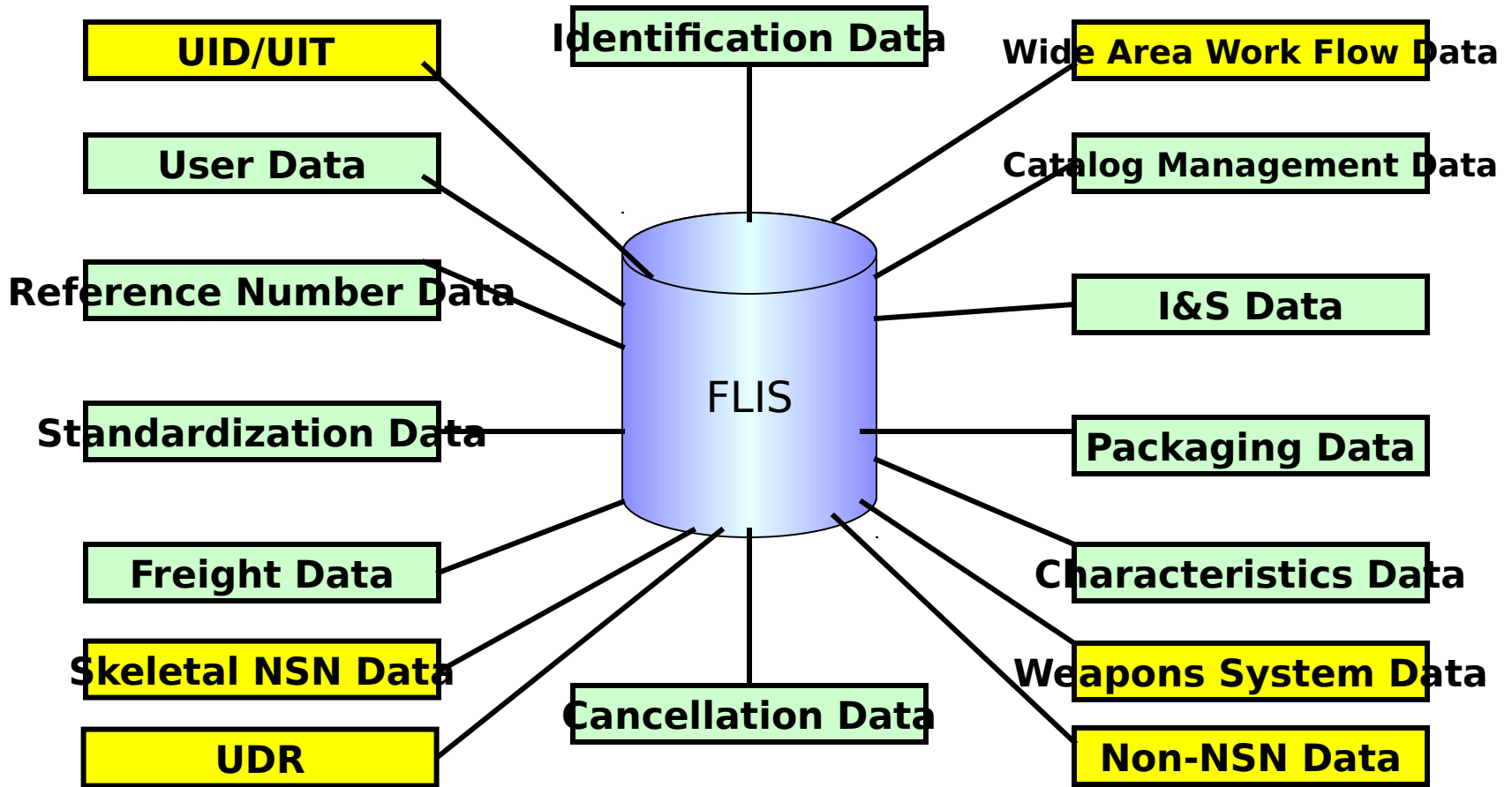
# Traditional FLIS Data Sources

- **Manager (PICA)**
  - **Legacy/ERP Feeds**
- **Users (SICAs)**
  - **Optimization**
  - **Legacy/ERP Feeds**
- **Specialized Data Feeds**
  - **HMIRS**
  - **DSS**
  - **UDR**





# Potential FLIS Data Integrations





# Potential FLIS Data Sources

- **Wide Area Work Flow**
- **UID**
- **Manufacturer's Tech Data**
- **Commercial Cross References**
- **Automated Tech Orders**
- **Automated Tech Data Analysis**



# FLIS Processes

- **Pre-Provisioning Screening**
- **New Item Assignment**
- **Maintenance**
- **Interrogations**



# Identification Data

SUB NIIN/REF NBR=5905-00-003-7708

DATE 07194

ITEM NAME: RESISTOR,VARIABLE, NONWIRE WOUND, NONPRECI

IDENTIFICATION DATA

NIIN

DMIL

FIIG	INC	CRITL-CD	II	RPDMRC	DMIL	ASGMT	PMIC	ADPEC	ESD/EMI	HMIC	HCC	INTG
A002A0	37405	X	1		A	72147	U			N		1

SCHEDULE B: 8533400080

ENAC:

ENAC DATA UNAVAILABLE FOR NIIN



# MOE Rule Data

MOE RULE DATA CODED												
MOE-RL	AMC	AMSC	NIMSC	EFF-DT	IMC	IMCA	SUPP-COLLAB			SUPP-RECEIVERS	AAC	DSOR
A918	1	T		06091	Z	CD				BD	CL	
BGX1	1	T		06091								
C911	1	T		06091								
FXGX	1	T		06091	Z	SX						
MC49	1	T		06091	Z	PA						
N9BN	1	T		06091	Z	GH	GT	HD	JB	KE		
WP01				05213								
YA01				99335								
YB01				91091								
ZA01				91091								
ZG01				91091								
ZH01				91091								
ZT01				91091								
ZU01				91091								
ZW01				98305								



# Reference Number Data

## REFERENCE/PART NUMBER DATA

REFERENCE/PART NUMBER	CAGE	STAT	R								HCC	MSDS
			R	R	N	A	R	R	R	S		
MILR94-3	81349	M	4	1	3	TX	3	D				
RV6NAYSA501A	81349	M	2	2	3	TX	3	D				
WA1G040S501UZ	01121	A	C	1	6	ZZ					AC	
2100-1832	28480	Y	C	1	6	ZZ					AC	
311-2121-00	80009	A	C	1	6	ZZ					AC	
4751-0046-02	42161	A	C	1	5	TX					AF	
575C27-4	94033	A	C	1	5	ZZ					AC	



# Standardization Data

## STANDARDIZATION DATA

RELATED-NSN	ISC	ORG-STDZN-DEC	DT-STDZN-DEC	NIIN-STAT-CD
	1	TX	83187	0
5905-00-009-1182	3	TX	83184	0
5905-00-331-7127	3	TX	85131	0
5905-00-820-4184	3	TX	86228	0
5905-01-094-5068	3	TX	85117	1
5905-01-136-1077	3	TX	94300	1



# Freight Data

## FREIGHT DATA

ACTY-CD	NMFC	SUB-ITEM-NUMBER	UNIFORM-FREIGHT-CLASS	HAZARDOUS-MATERIAL-IND
GX	062960	X	35140	.....
CLASS RATING	LS-CRLD	RAIL-VARIATION	WATER-COMMODITY	TYPE-OF-CARGO
P			658	Z .....
SPECIAL-HANDLING	AIR-DIMENSION	AIR-COMMODITY/SPECIAL-HAND	INTEGRITY-CODE	...
9	A	HZ		.....

FREIGHT-DESCRIPTION  
REOSTATS/PARTS NOI





# Management Data

MANAGEMENT DATA												
EFF-DT	MOE	AAC	SOS	UI	U-PRICE	QUP	CIIC	SL	REP	MGMT-CTL	USC	
2006274	DA	D	SMS	EA	11.07	1	U	0	Z	Q2200X	A	
2006274	DF	D	SMS	EA	11.07	1	U	0	N	SF9EH V	F	
2006274	DM	D	SMS	EA	11.07	1	U	0	Z	15B2	M	
2006274	DN	D	SMS	EA	11.07	1	U	0		9B	N	
2007060	DS	D	SMS	EA	11.07	1	U	0	N		I	
2007060	GP	D	SMS	EA	11.07	1	U	0			C	



# Phrase Data

PHRASE DATA							
MOE	USC	PHRASE	PHRASE-CODE-DATA	ORDER-OF-USE	JUMP-TO-CODE	GIIC	QPA UM
DA	A				ABA		
DA	A	7	5905008204184		AAA		
DF	F				ABA		
DF	F	7	5905008204184		AAA		
DM	M				ACA		
DM	M	7	5905000091182		ABA		
DM	M	7	5905003317127		AAA		
DN	N				ACA		
DN	N	7	5905003317127		ABA		
DN	N	7	5905008204184		AAA	ACA	
DS	I				ADA		
DS	I	7	5905000091182		ACA		
DS	I	7	5905003317127		ABA		
DS	I	7	5905008204184		AAA		
GP	C	7	5905008204184				
GP	C	7	5905003317127				
GP	C	7	5905000091182				



# Packaging Data

PACKAGING DATA (PICA)

ITEM WEIGHT:		ITEM DIMENSIONS:	X	X	U/I: EA
CAT CODE		METH C		UNIT	
P/C W/F P TOS	ICQ PRES N PRES WRAP CUSH THK CNTR PDSC IC UCL...				
69 F 0	AAA 41 1 00 00 NA X XX P D3				
SPC PAC LVL	UNIT PACK	UNIT PACK	UNIT PACK	MIN PK	
MKG A B	WEIGHT	LENGTH	WIDTH DEPTH	CUBE OPI PK CD	
00 Q Q	00000	0000	X 0000 X 0000	0000000 0	

PACKAGING DATA - SUPL/INSTRUCTION

IN THE CLEAR P:

CAGE: 14933  
 SPI NO:  
 REV:  
 DATE:  
 CNTR NSN:



# Characteristics Data

DECODED CHARACTERISTICS

MRC	REQUIREMENT-STATEMENT	CLEAR-TEXT-REPLY
NAME	ITEM NAME	RESISTOR, VARIABLE, NONWIRE WOUND, NONPRECISION
AAPN	SECTION QUANTITY	1
CQCC	ELECTRICAL RESISTANCE PER SECTION	500.0 OHMS SINGLE SECTION
CRSS	RESISTANCE TOLERANCE PER SECTION IN PERCENT	-10.0 TO 10.0 SINGLE SECTION
CSDL	STANDARD TAPER CURVE PER SECTION	A SINGLE SECTION
AEFM	MAXIMUM STOP TORQUE	48.00 INCH-OUNCES
AEFK	MAXIMUM STARTING TORQUE	6.00 INCH-OUNCES
AEFL	MAXIMUM RUNNING TORQUE	0.50 INCH-OUNCES
CQDB	RESISTANCE TEMP CHARACTERISTIC RANGE PER SECTION IN PERCENT	-3.0 TO 0.0 -55 DEG CELSIUS SINGLE SECTION AND -5.0 TO 10.0 -25 DEG CELSIUS SINGLE SECTION AND -5.0 TO 10.0 25 DEG CELSIUS SINGLE SECTION AND -0.0 TO 3.0 120 DEG CELSIUS SINGLE SECTION
CRGD	POWER DISSIPATION RATING PER SECTION IN WATTS	0.5 FREE AIR SINGLE SECTION
CSDH	AMBIENT TEMP IN DEG CELSIUS PER SECTION AT FULL RATED POWER	70.0 SINGLE SECTION
CQGN	AMBIENT TEMP IN DEG CELSIUS PER SECTION AT ZERO PERCENT RATED POWER	120.0 SINGLE SECTION



# Characteristics Data

AAQL BODY STYLE	1B CYLINDRICAL BUSHING MOUNTED
ABPM BODY DIAMETER	0.500 INCHES NOMINAL
ADAQ BODY LENGTH	0.453 INCHES NOMINAL
ADAP MOUNTING BUSHING LENGTH	0.250 INCHES NOMINAL
AEFD ACTUATOR TYPE	SINGLE SHAFT
AEDX SHAFT STYLE	3C ROUND, SLOTTED
ABWV SHAFT DIAMETER	0.125 INCHES NOMINAL
ABXF SHAFT LENGTH	0.625 INCHES NOMINAL
CQCK ROTARY ACTUATOR TRAVEL IN ANGULAR DEG	292.0 MINIMUM AND 298.0 MAXIMUM
CRSX ACTUATOR TRAVEL CONTROL FEATURE	STOPS
AEFH EFFECTIVE ELECTRICAL ROTATION IN DEG ANGULAR ROTATION	292.0 MINIMUM AND 298.0 MAXIMUM
AEFN NONTURN DEVICE LOCATION	AT 5:00 OCLOCK AND AT 11:00 OCLOCK
AEFP NONTURN DEVICE RADIUS	0.245 INCHES NOMINAL
AXGY MOUNTING METHOD	STANDARD BUSHING



# Characteristics Data

AJYP SCREW THREAD SERIES DESIGNATOR	UNEF
AJYN SCREW THREAD DIAMETER	0.250 INCHES NOMINAL
AJYQ SCREW THREAD QUANTITY PER INCH	32.0
TTQY TERMINAL TYPE AND QUANTITY	3 TAB, SOLDER LUG
APXH TERMINAL LOCATION	REAR END
AARG RELIABILITY INDICATOR	NOT ESTABLISHED
TEST TEST DATA DOCUMENT	81349-MIL-R-94 SPECIFICATION
ZZZK SPECIFICATION/STANDARD DATA	81349-MIL-R-94/3 GOVERNMENT SPECIFICATION
ABHP III OVERALL LENGTH	1.344 INCHES MAXIMUM
ADAV III OVERALL DIAMETER	0.500 INCHES NOMINAL
SR-1 SPEC/STD CONTROLLING DATA	
MANUFACTURERS CODE	81349
NON-DEFINITIVE GOVERNMENT SPEC/STD REFERENCE	MILR94-3
MANUFACTURERS CODE	81349
DEFINITIVE GOVERNMENT SPEC/STD REFERENCE	RV6NAYSA501A